

DEPARTMENT OF THE ARMY
US ARMY INFORMATION SYSTEMS SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTORATE
FORT BELVOIR, VIRGINIA 22060-5576

AMSEL-SE-IS-C

DATE: 29 November 1999

MEMORANDUM FOR EDMIS USERS

SUBJECT: Software Version Description (SVD) for Installation
Support Module (ISM) Education Management Information System
(EDMIS) Software Change Package (SCP) P01-A11-11-00-A

1. Enclosed is SCP P01-A11-11-00-A which provides formal change information to the Education Management Information System (EDMIS) ISM
2. Acknowledgement of installation of this SCP must be made IAW instructions provided in Enclosure 1.
3. This memorandum certifies that the ISM subject software has been thoroughly tested, is considered to be a quality product, and is hereby authorized for release to a production environment.
4. Security Implications: NONE.

Encl

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CHANGE PACKAGE CONTROL NUMBER: (P01-A11-11-00-A)

P01-A11-11-00-SVD.txt
SOFTWARE VERSION DESCRIPTION (SVD) FOR
EDUCATION MANAGEMENT INFORMATION SYSTEM (EDMIS)
SYSTEM SOFTWARE CHANGE PACKAGE (SCP) (P01-A11-11-00-A)

U. S. ARMY INFORMATION SYSTEMS
SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTOATE
FORT BELVOIR, VA 22060-5576

29 November 1999

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1. Scope

1.1 Identification. This Software Version Description (SVD) applies to the Education Management Information System (EDMIS) running on Army Standard Information Management System (ASIMS) and networked AIX operating system on UNIX platforms.

1.2 System Overview. EDMIS is part of the ISM Project which is an Army-wide Major Automated Information System (MAIS) initiative. The primary objective of ISM is to enhance, through automation, installation management functions. ISM applications consist of standard procedures packaged into functional applications which automate as well as integrate day-to-day installation processes. ISM applications use the Installation Level Integrated Data Base (ILIDB), which is the central repository for data that is common to more than one ISM application, and various local databases that contain data elements unique to the individual ISM applications.

The purpose of the EDMIS ISM is to automate management of the soldier's educational process. It allows education services officers (ESOs), learning center personnel, and other authorized persons to enter, modify, query, and report on information kept in each soldier's basic educational record [Department of Army (DA) Form 669]. It also provides for electronic transfer and retrieval of records across installations and agencies. Benefits expected from using EDMIS include more accurate tracking of soldiers' academic progress, better resource utilization, and improved financial management and reporting at the installation and major command (MACOM) levels. Primary EDMIS functions include:

- managing soldiers' education records, including on-duty and off-duty courses, program administration, and financial aid;

- providing routine rollups of participation/cost data for use within the installation and for transfer to higher echelons;

- routine test scoring and data manipulation;

- printing required forms and documents;

- and providing supplementary services.

1.3 Document Overview. This document provides the instructions necessary for the implementation of the formal Software Change Package (SCP) P01-A11-11-00-A of EDMIS. It informs the users of the changes made to the system and provides Point of Contacts (POCs) to be contacted in case of problems.

2. Referenced Documents

2.1 Referenced Documents. This paragraph has been tailored out.

3. Version Description

3.1 Inventory of Materials Released. This paragraph has been tailored out.

3.2 Inventory of Software Contents. Hardware platform - ASIMS/UNIX AIX OS users (Installation supported). This change package contains the following files.

PROGRAM	VERSION	UPDATE
README.edmis_1100	1100	26 Nov 1999
edmis_1100.cpio.Z	1100	26 Nov 1999
install.edmis_1100	1100	26 Nov 1999

3.3 Changes Installed.

3.3.1 Corrector Descriptions - Technical.

1. ECP-S/E P01/X3C-A150-014
 - A. CYCLES: None.
 - B. PROGRAM: EDMIS
 - C. PROBLEM: Moving from the 39H stand alone to an integrated processor and data server for ITP ISM and SBIS and databases.
 - D. RESOLUTION: Put ITP ISM and SBIS applications and databases on an integrated processor and data together.
 - E. ICP: P01-A11-10-01-A
2. ECP-S/E P01-V056-031
 - A. CYCLES: None.
 - B. PROGRAM: EDMIS
 - C. PROBLEM: When attempting to enter APT Inventory (AFast Inventory), user received DB Error-1480 at line 496 of file C_fadupapt.c.
 - D. RESOLUTION: Defined a logname and ed-center to associate the learning center. Initialize all variables for file C_fadupapt.c. F_VLVRYFm.c - fixed the form to eliminate extra characters.
 - D. ISM/admin - recompiled to include global changes.
 - E. ICP: P01-A11-10-02-A
3. ECP-S/E P01-S460-053
 - A. CYCLES: None.
 - B. PROGRAM: EDMIS
 - C. PROBLEM: Implementation of the new Tuition Assistance (TA) policy. The basic change: soldiers will no longer have a yearly course cap of 15 semester hours and varying Tuition based per hour caps based on course level.
 - D. RESOLUTION: All changes made/modified are required to meet regulatory requirements for fiscal year 1999 and as submitted by bill marris proposal dated 5/20/98.
 - E. ICP: P01-A11-10-03-A

4. ECP- S/E P01- A11- 11- 00- SVD. txt
P01- R103- 015
A. CYCLES: None.
B. PROGRAM EDMIS
C. PROBLEM Unable to print/reprint existing DA 2171 form.
D. RESOLUTION: Changed the schoolcode file to enable reprint capabilities.
E. ICP: P01- A11- 10- 04- A
5. ECP- S/E P01- A150- 130
A. CYCLES: None.
B. PROGRAM EDMIS
C. PROBLEM Course Fee not calculating On-Post
Vocational Course and Screen rolls.
D. RESOLUTION: Fixed TA form to print fees for
Semester, Qtr, Clk both for Course only and Course and Fees.
E. ICP: P01- A11- 10- 05
6. ECP- S/E P01- A15M- 002
A. CYCLES: None
B. PROGRAM EDMIS
C. PROBLEM The routine used to process test scores has a hardcoded "19"
with at 2-digit year field found in a sprintf statement.
D. RESOLUTION: Changed identified section to a fixed window technique. Dates
ending with 00-50 will be formatted to have a 20 for century; dates 51-99 will
contain a 19 century.
E. ICP P01- A11- 10- 06
7. ECP- S/E P01- A15M- 003
A. CYCLES: None
B. PROGRAM EDMIS
C. PROBLEM The routine ascftime()
(defined in the ISM
Global routines) is
called using a two-digit
year parameter which may
cause problems at the
century change.
D. RESOLUTION: Changed all small y
(i.e. "y") to Y (i.e.
"%Y") to include /format
4-digit year identified
for all ascftime functions.
E. ICP P01- A11- 10- 06
8. ECP- S/E P01- A150- 131
A. CYCLES: NONE
B. PROGRAM EDMIS
C. PROBLEM The DATE_VERIFY procedure
assigns a century of 19
when only a 2-digit year
is provided. If a user
enters a 2-digit post -
2000 year, this will
assign the wrong century.
D. RESOLUTION: Recompile all directories to the new global libraries altered
for Y2K.
E. ICP P01- A11- 10- 06
9. ECP- S/E P01- A150- 133
A. CYCLES: NONE
B. PROGRAM EDMIS
C. PROBLEM Routines are performing
date string validation,
but expect a two-digit
year as input (MMYY or

- mm/yy or m/yy).
- D. RESOLUTION: Change Publication and Date of most recent change in Add/Change Inventory (path 1.6.3.1) from mm/yy format to MM/YYYY format.
- E. ICP P01-A11-10-06
10. ECP- S/E P01-A15M-004
- A. CYCLES: None
- B. PROGRAM EDMIS
- C. PROBLEM GetCurTm() function did not handle years of 2000 or beyond.
- D. RESOLUTION: Function was modified to handle such years correctly.
- E. ICP: P01-A11-10-07-A
11. ECP- S/E P01-A15M-005
- A. CYCLES: None
- B. PROGRAM EDMIS
- C. PROBLEM Date fields are too short.
- D. RESOLUTION: Increased the Date String length by 2.
- E. ICP: P01-A11-10-07-A
12. ECP- S/E P01-A001-065
- A. CYCLES: None.
- B. PROGRAM EDMIS
- C. PROBLEM TA policy requires calculation for course cost and fees separately.
- D. RESOLUTION: Screens were changed according to the policy change.
- E. ICP: P01-A11-10-08.
13. ECP- S/E P01-A001-066
- A. CYCLES: None.
- B. PROGRAM EDMIS
- C. PROBLEM TA policy requires recoupment for course with grade of "F".
- D. RESOLUTION: Menus and screens were changed according to the new requirement.
- E. ICP: P01-A11-10-08.
14. ECP- S/E P01-A001-067
- A. CYCLES: None.
- B. PROGRAM EDMIS
- C. PROBLEM Statement of Understanding needs to be updated for current Army regs.
- D. RESOLUTION: Updated Statement of Understanding.
- E. ICP: P01-A11-10-08.
15. ECP- S/E P01-A001-134
- A. CYCLES: None.
- B. PROGRAM EDMIS
- C. PROBLEM Error occurs when add/change soldier's SOCAD information.
- D. RESOLUTION: Problem caused by incorrect length for school code; modified school code length throughout EDMIS.
- E. ICP: P01-A11-10-08.
16. ECP- S/E P01-A001-135
- A. CYCLES: None.
- B. PROGRAM EDMIS
- C. PROBLEM Incorrect cost/credit amounts for courses with a cost/credit different from the college default.
- D. RESOLUTION: Modified code so course cost would not change to college default if college default is not chosen.
- E. ICP: P01-A11-10-08.
17. ECP- S/E P01-A001-136

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- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM DBE 1401 when deleting more than 4 courses at a time.
D. RESOLUTION: Increased column width so table could handle larger value.
E. ICP: P01-A11-10-08.

18. ECP-S/E P01-V056-032

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM Dollar amount disappears from "cost/cr" field randomly when # of credits is entered into "credits" field.
D. RESOLUTION: Code modified to retain dollar amount.
E. ICP: P01-A11-10-08.

19. ECP-S/E P01-S113-035

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM Extra record is added when scoring TABE tests with opscan5 scanner.
D. RESOLUTION: Code was modified to ignore MS-DOS delimiting character.
E. ICP: P01-A11-10-08.

20. ECP-S/E P01-A15N-001

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM Unable to access Confirm/Obligate/Adjust/Post Grades for an Individual.
D. RESOLUTION: Code was modified so that all paths were corrected.
E. ICP: P01-A11-10-08.

21. ECP-S/E P01-A001-087

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM DA 2171 Not Printing Fees Correctly for Multiple Courses.
D. RESOLUTION: The code was modified to correct printing. When the first course listed has a fee, then the following courses will have that fee automatically added to their fee.
E. ICP: P01-A11-10-09.

21. ECP-S/E P01-A150-043

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM When adding an Off Post College Enrollment, received DB Error-1480 at line 1355 of file C_aucollof.c.
D. RESOLUTION: Reinitialized ed-center used in Off Post under d.counselor.
E. ICP: P01-A11-10-0B-A.

3.3.2 Corrector Descriptions - Functional.

1. ECP-S/E P01-A001-076

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM Need new 1821 Quarterly Report; General Pt. 1 added to EDMIS.
D. RESOLUTION: Modified code to add new 1821 Quarterly Report; General Pt. 1 to EDMIS.
E. ICP: None.

2. ECP-S/R P01-A001-078

- A. CYCLES: None.
B. PROGRAM: EDMIS
C. PROBLEM When the user changed the term from 001 to 002 in the Change On-Post College Term Date section, the delivery mode code disappeared from the course information.
D. RESOLUTION: Modified C_uptermD.c in d.college so that the delivery_mode field would be updated in the schcrs table when the Change On-Post College Term Date

section is used.

- E. ICP: None.
- 3. ECP- S/E P01- A150- 041
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM The VA Note 1, a printout of counseling note 62 is incomplete.
- D. RESOLUTION: Revised VA Note 1 to include missing statement.
- E. ICP: P01-A11-10-0A-A
- 4. ECP- S/E P01- S113- 038
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM When the total CLEP general score is entered incorrectly, an "invalid entry" screen appears.
- D. RESOLUTION: Corrected field branching for F_etclepd.c.
- E. ICP: P01-A11-10-0A-A
- 5. ECP- S/E P01- S113- 040
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM Path 1.1.1. When a new SSN was entered and F3 was pressed, received database error -1480.
- D. RESOLUTION: Increased field size on ind_race_ed and ind_ethnic_cd.
- E. ICP: P01-A11-10-0A-A
- 6. ECP- S/E P01- S300- 040
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM Tie the TA control number to the counselor who issues the TA.
- D. RESOLUTION: Added new field, ed_ctr to collaten table and reports and forms.
- E. ICP: P01-A11-10-0A-A
- 7. ECP- S/U P01- S431- 136
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM The score item accepts only integers. Regents has changed several ACT-PEP tests to a letter grade instead of a numeric score.
- D. RESOLUTION: Changed fields totscore in clepscor and clepref tables to character.
- E. ICP: P01-A11-10-0A-A
- 8. ECP- S/E P01- T044- 055
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM When using path 1.2.2 the screen displays an SSN that is shifted parts for the correct SSN.
- D. RESOLUTION: Clearing tempstr before storing each section of SSN.
- E. ICP: P01-A11-10-0A-A
- 9. ECP- S/E P01- T044- 056
 - A. CYCLES: None.
 - B. PROGRAM EDMIS
- C. PROBLEM Space for education services office name allows for 35 characters. Error occurs when more than 27 characters are entered.
- D. RESOLUTION: Increases the field size from 28 to 36 for the name field in eso_info table.
- E. ICP: P01-A11-10-0A-A

3.3.3 Summary of Changes.

- a. Copy library member changes.
 - 1. Changed: None.

2. Deleted: None.
3. Added: None.

b. Control library member changes.

1. Changed: None.
2. Deleted: None.
3. Added: None.

3.4 Adaptation Data. This paragraph has been tailored out.

3.5 Related Documents.

3.5.1 Technical Documentation Changes. A new AIX version of Software Center Operator Manual (SCOM), AISM 25-P01-A11-AIX-SCOM dated 10 December 1999 has been issued. This current version of AISM 25-P01-A11-AIX-SCOM may be obtained from:

U. S. Army Information Systems Software Development Center-
Washington
Attn: AMSEL-SE-IS-ES, STOP H-6.
Fort Belvoir, VA 22060-5576.

3.5.2 Functional Manual Changes. A new AIX version of Software User Manual (SUM), AISM 25-P01-A11-AIX-SUM dated 01 December 1999 has been issued. This current version of AISM 25-P01-A11-AIX-SUM may be obtained from:

U. S. Army Information Systems Software Development Center-
Washington
Attn: AMSEL-SE-IS-ES, STOP H-6.
Fort Belvoir, VA 22060-5576.

3.6 Installation Instructions. These instructions explain how to install EDMIS SCP P01-A11-11-00-A onto the host computer at the installations.

Pre-Install Procedure. Before beginning to install EDMIS SCP P01-A11-11-00-A onto the ISM host computer, follow this procedure to make sure you have the information you will need when installing.

STEP 1. Verify Oracle. The Oracle RDBMS must reside on the host and be on-line. Note the home directory for the user name is "oracle".

Install Procedure. This procedure installs SCP 11.00 for EDMIS R11.00 onto the installation server. This portion of EDMIS R11.00 must be installed on each server at the installation.

STEP 1. Make sure there is a login account and directory for "edmi s".

STEP 2. Login with the login name of "root".

STEP 3. Change directory to /usr/tmp. Make a directory named "edmi sSCP. 1100".

STEP 4. Change directory to /usr/tmp/edmi sSCP. 1100.
Copy the following files to /usr/tmp/edmi sSCP. 1100:

edmi s_1100. cpi o. Z	20020027	26 Nov 1999	README. edmi s_1100
1850	26 Nov 1999		
install_edmi s_1100	6155	26 Nov 1999	

STEP 5. Execute the following commands:

```
chmod 777 install_edmis_1100 <Enter>
```

STEP 6. The install_edmis_1100 script will:

a. Display the amount of available disk space on the system being installed to. The <Enter> key must be pressed to continue with the installation.

b. Back up the SITE_DIR to SITE_DIR_SAVE.

c. Furthermore, the installation script will:

(1) Un-compress the edmis_1100.cpio.Z file. Then it will un-cpio the edmis_1100.cpio file into the home directory of user "edmis."

(2) Restore the backup files from edmis SITE_DIR to APP_BASE directory.

(3) Copy the letters directory to the SITE_DIR letters directory.

(4) Change the ownership and mode of the files to the correct settings.

(5) Run alteredmis if there are any database changes required.

(6) It will record all output(s) from each of the steps performed in a file named "edmis_1100.log" located in /tmp/edmisSCP.1100 directory. Results of the installation in edmis_1100.log should be reviewed. Press the <Enter> key.

3.6.1 Installation Effective Date. This SCP should be immediately implemented upon receipt or NLT 30 days from date of receipt.

3.6.2 Security Implications. This paragraph has been tailored out.

3.6.3 ANSOC Installation Instructions. All users receive the same baseline with change package number through e-mail and Status Tracking and Reporting System (STARS) Bulletin Board System (BBS). This change package contains the following files:

Quantity	File ID	System	Change Package No.
1	edmis_1100cpio.Z	AIX OS 4.2	P01-A11-11-00-A
	README.edmis_1100		
	install_edmis_1100		

Ensure that all master file backups have been completed prior to loading this package.

Use these load instructions to develop load procedures that work best for your installation.

Due to various user configurations, each installation must determine appropriate block-size and library allocations.

Users must not, repeat, must not, make changes to the files.

Security impact: None.

3.6.4 Special Installation Instructions - All Users. None.

3.6.5 Point of Contact. If there are any problems or questions with the installation, or any shortage to the contents of this package, call the Army Network and Systems Operator Center (ANSOC), Ft. Huachuca: DSN 879-6798/6858 or 1-800-305-3036.

3.6.6 Report of Implementation. Implementation of this change package must be reported by completing the change package implementation form. This report must be sent to Ft. Huachuca using Fax or mail.

3.7 Possible Problems and Known Errors. This paragraph has been tailored out.

4. Notes

4.1 Notes. This paragraph has been tailored out.
Change Package Control Number: P01-A11-11-00-A

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